Improvements to Drains and Asphalting to Roads in Ward No 05 Surrounding areas in Ward No 05 Jakkur Byatarayanapura Sub Division

Bill Abstract +

MEASUREMENT SHEETS

"FIRST AND FINAL BILL"

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Improvements to Drains and Asphalting to Roads in Ward No 05 Surrounding areas in Ward No 05 Jakkur Byatarayanapura Sub Division

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
1	KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications including all lead and lifts and as per the direction of engineer in charge								
	Vide pre-measurement page no. 1 & 2					344.23			
					Present Qty	344.23	Cum	120.00	41308.00
2	KSRB 4-1.4 : Providing and laying in position plain cement concrete of Mix 1:5:10 with OPC @ 160kgs, with 40mm and down size graded granite metal coarse aggregates @0.86cum and fine aggregtes @ 0.58cum machine mixed, machine mixed, concrete laid in layers not exceeding 15								
	Vide pre-measurement page no. 364					49.65			
					Present Qty	49.65	Cum	4700.00	233355.00
3	KSRB 4.2.2 : Providing and laying in position reinforced cement concrete of Design Mix M20 with OPC @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.460 cum, with super plasticisers @ 3 liters confirming to IS 9103-1999 reafirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick,								
	Vide pre-measurement page no. 5 to 7					116.23			
3a)	upto 125% = 98.18				Present Qty	116.23	Cum	5400.00	627642.00
3b)	Above 125% = 18.05 = 116.23								
4	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth cills and string courses cost of all materials, labour complete as per								
	Vide pre-measurement page no. 869					869.30			
					Present Qty	869.30	Sqm	304.00	264267.20
5	KSRRB - M2300-14: Providing TMT steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, palcing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining memebrs wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of								
	Vide pre-measurement page no. 10 & 11					6.97			
5a)	upto 125% = 06.19				Present Qty	6.97	Tn	69000.00	480930.00
5b)	Above 125% = 0.78 = 6.97								
8	KSRRB M100-1 Loading and Unloading of Stone Boulder / Stone aggregates /Sand/ Kanker / Moorum. KSRRB M100-1 : Placing tipper at loading point, loading with front end loader,dumping, turning for return trip, excluding time for haulage and return trip complete as per specifications.								
	Vide pre-measurement page no. 14 & 15					344.23			
					Present Qty	344.23	Cum	62.00	21342.00

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Contractor

ಸಹಾಯಕ ಅಭಿಯಂತರರು
Asst. Engineer
ಬಿ.ಬಿ.ಎಂ.ಪಿ ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
Asst. Exec. Engineer
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು

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Improvements to Drains and Asphalting to Roads in Ward No 05 Surrounding areas in Ward No 05 Jakkur Byatarayanapura Sub Division

Detailed Measurements

Measurement Recorded On:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
6	Providing and fixing RCC precast cover slab of 100mm thick for drain in cement concrete 1:1.5:3 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge.						
	RCC Drain						
	Cross Road 01						
	LHS						
	Ch:0.00m to 19.50m	1	19.50	0.75		14.63	
	Ch:19.50m to 49.50m	1	30.00	0.75		22.50	
	Ch:49.50m to 63.10m	1	13.60	0.75		10.20	
	Culvert						
	Ch:63.10m to 93.10m	1	30.00	0.75		22.50	
	Ch:93.10m to 97.90m	1	4.80	0.75		3.60	
	RHS						
	Ch:0.00m to 30.00m	1	30.00	0.75		22.50	
	Ch:30.00m to 34.80m	1	4.80	0.75		3.60	
	Road gap						
	Ch:34.80m to 41.70m	1	6.90	0.75		5.18	
	House gap						
	Ch:41.70m to 57.80m	1	16.10	0.75		12.08	
	Connecting road						
	LHS						
	Ch:0.00m to 19.40m	1	19.40	0.75		14.55	
	RHS						
	Ch:0.00m to 19.40m	1	19.40	0.90		17.46	
	Culvert						
	Ch:19.40m to 39.10m	1	19.70	0.90		17.73	
	Cross Road 02						
	LHS						
	Ch:0.00 m to 29.30m	1	29.30	0.90		26.37	
	Road gap						
	Ch:29.30m to 59.30m	1	30.00	0.90		27.00	
	Ch:59.30m to 75.30m	1	16.00	0.90		14.40	
	RR Interior Road						
	Ch:0.00m to 30.00m	1	30.00	0.75		22.50	
	Ch:30.00m to 41.00m	1	11.00	0.75		8.25	
	Missing Slab						
	Cross Road					265.05	

C&FC 13/7/24

C&FC 13/7/24

C&FC 2/8/24

C&FC 14/7/24

Assistant Executive Engineer Byatarayanapura S.D. Division

Assistant Executive Engineer Byatarayanapura S.D. Division

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Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	LHS						
	Ch:11.00 m to 29.30m	1	17.30	0.90		15.57	
	Ch:60.30m to 75.30m	1	15.00	0.90		13.50	
	RHS						
	Ch:15.50 m to 23.50m	1	8.00	0.90		7.20	
	Ch:35.80m to 45.10m	1	9.30	0.90		8.37	44.64
					Present Qty	**309.68**	**Sqm**

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15/7/24

15/7/2024

Assistant Executive Engineer
Byatarayanapura Sub Division
B.B.M.P Bangalore-560024

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Improvements to Drains and Asphalting to Roads in Ward No 05 Surrounding areas in Ward No 05 Jakkur Byatarayanapura Sub Division

Detailed Measurements

Measurement Recorded On:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
7	Providing and fixing RCC precast cover slab of 250mm thick made out of CC 1:2:4 and jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate)						
	Culvert						
	Raft						
	Cross Road 01						
		1	6.15	1.20		7.38	
		1	5.00	1.20		6.00	
	Connecting road						
		1	3.15	1.20		3.78	
		1	3.00	1.20		3.60	
					Present Qty	**20.76**	**Sqm**
					Qty Limited	**20.16**	**Sqm**

Assistant Executive Engineer
Byatarayanapura Sub Division
B.B.M.P.

15/7/24

Assistant Executive Engineer
Byatarayanapura Sub Division
B.B.M.P.

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